

**Abstract**

A pharmaceutical preparation comprising:

- 5       (a) an active substance comprising a tiotropium salt, in a concentration based on  
          tiotropium of between 0.0005 and 5% by weight;
- (b) a solvent selected from water or a water/ethanol mixture;
- 10       (c) acid for achieving a pH between 2.0 and 4.5; and
- (d) a pharmacologically acceptable preservative,

         optionally including a pharmacologically acceptable complexing agent, stabilizer, a  
15       pharmacologically acceptable cosolvent, or other pharmacologically acceptable adjuvants  
         and additives; a method for administering a pharmaceutical preparation by nebulizing the  
         pharmaceutical preparation in an inhaler, and a method of treating asthma or COPD in a  
         patient using the pharmaceutical preparation.

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